

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|--------------------|------------------|---------|---------------------|
| S1 | 4 | ((("4388425") or ("4879120") or ("20030107948") or ("4710535"))).PN. | US-PGPUB; USPAT | OR | OFF | 2008/05/15 07:41 |
| S2 | 1 | ("6429279").PN. | US-PGPUB; USPAT | OR | OFF | 2008/05/15 07:49 |
| S3 | 1 | ("5962681").PN. | US-PGPUB; USPAT | OR | OFF | 2008/05/15 07:50 |
| S6 | 10 | (dispensing ADJ chamber) AND (stator) AND (rotor) AND (outlet) AND (dispersion) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 07:56 |
| S8 | 1569 | (titanium ADJ dioxide) AND (caprolactam) AND (polymerization) AND (dispersion) AND (polymerization) AND (dispersion) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 08:10 |
| S12 | 173 | (titanium ADJ dioxide) AND (caprolactam) AND (polymerization) AND (dispersion) AND (pigment SAME particle SAME size) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 08:11 |
| S13 | 3 | (titanium ADJ dioxide) AND (caprolactam) AND (polymerization) AND (dispersion) AND (pigment SAME particle SAME size) AND ((disodium SAME hydrogenphosphate) OR (Sodium SAME hydrogen SAME phosphate) OR (Sodium SAME hydrogenphosphate) OR (disodium SAME hydrogen SAME phosphate) OR (disodiumhydrogenphosphate) OR (sodiumhydrogenphosphate)) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 08:14 |
| S14 | 29 | (titanium ADJ dioxide) AND (caprolactam) AND (polymerization) AND (dispersion) AND ((disodium SAME hydrogenphosphate) OR (Sodium SAME hydrogen SAME phosphate) OR (Sodium SAME hydrogenphosphate) OR (disodium SAME hydrogen SAME phosphate) OR (disodiumhydrogenphosphate) OR (sodiumhydrogenphosphate)) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 08:14 |
| S15 | 28065 | ((disodium SAME hydrogenphosphate) OR (Sodium SAME hydrogen SAME phosphate) OR (Sodium SAME hydrogenphosphate) OR (disodium SAME hydrogen SAME phosphate) OR (disodiumhydrogenphosphate) OR (sodiumhydrogenphosphate)) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 08:18 |
| S16 | 8 | ((US-20030107948-\$).did. or (US-5540499- \$ or US-7287897-\$ or US-4879120-\$ or US- 4710535-\$ or US-4388425-\$ or US- 6429279-\$ or US-5962681-\$).did. | US-PGPUB; USPAT | OR | OFF | 2008/05/15 08:19 |

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|-----|-----|---|------------------------------|----|-----|---------------------|
| S18 | 99 | ("1851071" "2071393" "2619330" "2689839" "2779054" "2846332" "2868757" "3183099" "3194540" "3195867" "3256181" "3321566" "3324071" "3393802" "3450662" "3505088" "3523810" "3606270" "3658810" "3673147" "3934857" "3995838" "4049638" "4053457" "4106117" "4107160" "4136971" "4239396" "4311642" "4344799" "4350630" "4388425" "4474681" "4687339" "4795571" "4816557" "4879120" "4915509" "5077381" "5085513" "5294707" "5441607" "5674973" "5681952" "5700358" "5703204" "5777067" "5904419" "5932270" "5973105" "6069228" "6107449").PN. OR ("2003/0107948" "4388425" "4710535" "4879120" "5540499" "5962681" "6429279" "7287897").URFN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 08:20 |
| S20 | 298 | ((titanium ADJ dioxide) SAME (dispersion)) AND (caprolactam) AND (polymerization) AND (dispersion) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 08:25 |
| S22 | 189 | ((titanium ADJ dioxide) SAME (dispersion)) AND (caprolactam) AND (polymerization) AND (aqueous SAME dispersion) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 08:28 |
| S23 | 5 | ("2787447" "3425667").PN. OR ("3704863").URFN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 08:34 |
| S24 | 77 | ((titanium ADJ dioxide) SAME (dispersion) SAME (aqueous)) AND (caprolactam) AND (polymerization) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 08:36 |
| S25 | 1 | ("20030107948").PN. | US-PGPUB; USPAT | OR | OFF | 2008/05/15 08:40 |
| S28 | 23 | ((titanium ADJ dioxide) SAME (dispersion) SAME (polyamide) SAME (aqueous)) AND (aqueous SAME dispersion) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 08:44 |
| S29 | 69 | ((titanium ADJ dioxide) SAME (dispersion) SAME (aqueous)) AND (polyamide SAME dispersion) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 08:45 |
| S30 | 25 | ((titanium ADJ dioxide) SAME (dispersion) SAME (aqueous)) AND (caprolactam) AND (emulsion ADJ polymerization) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 08:48 |
| S31 | 36 | ("4276210" "4395499").PN. OR ("4522972").URFN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 08:50 |
| S32 | 22 | ("3393165" "3759807" "3827958" "3884871" "3887450").PN. OR ("4042476").URFN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 08:54 |
| S33 | 1 | (S32) AND (caprolactam) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 08:55 |
| S34 | 36 | ("4276210" "4395499").PN. OR ("4522972").URFN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 08:57 |

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|-----|-------|--|------------------------------|----|-----|---------------------|
| S35 | 20 | ("L43") AND (caprolactam) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 08:57 |
| S36 | 427 | (pigment) AND ((aqueous ADJ dispersion) SAME (nylon OR polyamine)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 09:12 |
| S37 | 80 | (pigment) AND ((aqueous ADJ dispersion) SAME (nylon OR polyamine) SAME (emulsion)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 09:12 |
| S38 | 5 | (pigment) AND ((aqueous ADJ dispersion) SAME (caprolactam OR polycaprolactam) SAME (emulsion)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 09:15 |
| S39 | 35 | (pigment) AND ((aqueous ADJ dispersion) SAME (caprolactam OR polycaprolactam)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 09:18 |
| S40 | 3 | ("3255148").URPN. | USPAT | OR | OFF | 2008/05/15 09:24 |
| S41 | 2745 | (caprolactam OR polycaprolactam) AND (emulsion SAME polymerization) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 09:28 |
| S42 | 164 | ((caprolactam OR polycaprolactam) SAME (emulsion SAME polymerization)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 09:28 |
| S43 | 27 | ((caprolactam OR polycaprolactam) SAME (emulsion SAME polymerization)) AND (pigment) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 09:30 |
| S44 | 1 | ("5739195").FN. | US-PGPUB; USPAT | OR | OFF | 2008/05/15 09:31 |
| S45 | 1 | ("3244657").FN. | US-PGPUB; USPAT | OR | OFF | 2008/05/15 09:34 |
| S46 | 23373 | (caprolactam) SAMA (emulsion ADJ polymerization) AND (S15) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 09:56 |
| S48 | 3 | (caprolactam) SAME (emulsion SAME polymerization) AND (S15) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 09:57 |
| S49 | 1 | (caprolactam) SAME (emulsion SAME polymerization) AND (S15) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 09:57 |
| S51 | 4 | (polycaprolactam) AND (emulsion SAME polymerization) AND (S15) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 09:57 |
| S52 | 200 | (S15) SAME (dispersing ADJ agent) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 09:59 |
| S53 | 3 | ((S15) SAME (monomer) SAME (dispersing ADJ agent)) AND (emulsion) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 10:38 |
| S54 | 912 | ((S15) AND (dispersing ADJ agent)) AND (emulsion) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 10:39 |
| S55 | 1 | ((S15) SAME (dispersing ADJ agent)) AND (caprolactam) AND (emulsion) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 10:40 |
| S56 | 3 | ((S15) SAME (dispersing ADJ agent)) AND (emulsion ADJ polymerization) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 10:41 |
| S57 | 4 | ((S15) SAME (dispersing SAME agent)) AND (emulsion ADJ polymerization) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 10:42 |
| S58 | 4 | ((S15) SAME (dispersing SAME (agent OR stabilizer))) AND (emulsion ADJ polymerization) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 10:43 |

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|-----|------|--|------------------------------|----|-----|---------------------|
| S59 | 146 | ((S15) AND (dispersing SAME (agent OR stabilizer)) AND (emulsion ADJ polymerization)) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 10:44 |
| S60 | 25 | ((S15) AND (dispersing SAME (agent OR stabilizer)) AND (emulsion ADJ polymerization) AND (lyon OR caprolactam or polycaprolactam)) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 10:45 |
| S61 | 44 | ((S15) AND (dispersing SAME (agent OR stabilizer)) AND (emulsion ADJ polymerization) AND (nylon OR caprolactam or polycaprolactam)) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 10:45 |
| S62 | 31 | ((S15) AND (dispersing SAME (agent OR stabilizer)) AND (emulsion ADJ polymerization) AND (nylon OR caprolactam or polycaprolactam) AND (pigment)) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 10:51 |
| S64 | 416 | ((emulsion ADJ polymerization) AND (nylon OR caprolactam or polycaprolactam) AND (pigment SAME particle SAME size)) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 10:57 |
| S65 | 24 | ((emulsion ADJ polymerization) AND (nylon OR caprolactam or polycaprolactam) AND (pigment SAME particle SAME size SAME micron)) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 10:57 |
| S66 | 416 | ((emulsion ADJ polymerization) AND (nylon OR caprolactam or polycaprolactam) AND (pigment SAME particle SAME size)) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 10:58 |
| S67 | 1774 | ((emulsion ADJ polymerization) AND (nylon OR caprolactam or polycaprolactam) AND (titanium SAME (dioxide or oxide)) AND (particle SAME size)) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 11:00 |
| S68 | 173 | ((emulsion ADJ polymerization) AND (nylon OR caprolactam or polycaprolactam) AND (titanium SAME (dioxide or oxide)) AND (particle SAME size SAME micron)) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 11:00 |
| S69 | 480 | ((emulsion ADJ polymerization) AND (nylon OR caprolactam or polycaprolactam) AND (titanium SAME (dioxide or oxide) SAME size)) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 11:15 |
| S70 | 10 | ((pigment) AND ((aqueous ADJ dispersion) SAME (caprolactam OR polycaprolactam)) AND (pigment AND (titanium SAME (dioxide OR oxide)) AND size)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 11:19 |
| S71 | 3 | ((pigment) AND ((aqueous ADJ dispersion) SAME (caprolactam OR polycaprolactam)) AND ((pigment OR particle) SAME (titanium SAME (dioxide OR oxide)) SAME size)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 11:19 |
| S72 | 7 | ("3450662" "3523810" "4053457" "4388425").FN. OR ("4879120").URFN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 11:20 |
| S73 | 2 | (S72) AND (pigment) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 11:21 |
| S74 | 1143 | ((aqueous ADJ dispersion) SAME (pigment OR (titanium ADJ oxide) OR (titanium ADJ dioxide)) SAME (size)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 11:23 |

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| S75 | 199 | (aqueous ADJ dispersion) SAME (pigment OR (titanium ADJ oxide) OR (titanium ADJ dioxide)) SAME (size) same micron | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 11:23 |
| S76 | 312 | "carl Hanser" AND (titanium ADJ dioxide) AND (particle ADJ size) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 11:27 |
| S77 | 5 | "carl Hanser" AND (titanium ADJ dioxide) AND ((particle ADJ size) SAME (micron)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 11:28 |
| S78 | 3 | "carl Hanser" AND (titanium ADJ dioxide) AND ((particle ADJ size) SAME optimize) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 13:47 |
| S79 | 12 | (caprolactam) AND (titanium ADJ dioxide) AND ((particle ADJ size) SAME optimize) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 13:48 |
| S80 | 0 | (caprolactam) AND (pigment) AND (emulsion) AND ((particle ADJ size) SAME optimize) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 13:48 |
| S81 | 136 | (caprolactam) AND (pigment) AND (emulsion) AND ((particle ADJ size) SAME micron) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 13:48 |
| S82 | 521 | (nylon or polyamide) AND (pigment) AND (emulsion) AND ((particle ADJ size) SAME micron) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 13:50 |
| S83 | 320 | (nylon or polyamide) AND (pigment) AND (emulsion SAME polymerization) AND ((particle ADJ size) SAME micron) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/15 13:50 |
| S84 | 1923 | (524/430).CQLS. | US-PGPUB; USPAT | OR | OFF | 2008/05/15 13:53 |
| S85 | 128 | (S84) AND (pigment SAME size) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 13:53 |
| S86 | 41 | (S84) AND (pigment SAME size) AND (emulsion) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 13:53 |
| S87 | 41 | (S84) AND (pigment SAME size) AND (nylon OR polyamide) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 13:54 |
| S88 | 0 | rudolf SAME wher | US-PGPUB; USPAT | OR | OFF | 2008/05/15 13:56 |
| S89 | 5 | rudolf SAME wehr | US-PGPUB; USPAT | OR | OFF | 2008/05/15 13:56 |
| S90 | 0 | (TiO SAME caprolactam) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 14:00 |
| S91 | 57 | ("TiO.sub.2" SAME caprolactam) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 14:00 |
| S92 | 37 | ("TiO sub 2" SAME caprolactam) AND (size) | US-PGPUB; USPAT | OR | OFF | 2008/05/15 14:02 |
| S93 | 1 | ("4474681").PN. | US-PGPUB; USPAT | OR | OFF | 2008/05/15 14:05 |
| S94 | 37 | ("TiO.sub.2" SAME caprolactam) AND (size) | US-PGPUB; USPAT | OR | OFF | 2008/05/20 10:52 |
| S95 | 2 | (S94) AND (sodium SAME phosphate) | US-PGPUB; USPAT | OR | OFF | 2008/05/20 10:52 |
| S96 | 4 | ("TiO.sub.2" SAME caprolactam) AND (sodium SAME phosphate) | US-PGPUB; USPAT | OR | OFF | 2008/05/20 10:52 |

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| S97 | 3 | (pigment) AND ((aqueous ADJ dispersion) SAME (caprolactam OR polycaprolactam)) AND (titanium SAME (dioxide OR oxide)) AND (sodium SAME phosphate) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/20 10:53 |
| S98 | 3 | ("3809670").URFN. | USPAT | OR | OFF | 2008/05/20 10:56 |
| S99 | 1 | ("4388425").FN. | US-PGPUB; USPAT | OR | OFF | 2008/05/20 10:59 |
| S100 | 6 | ("2868757").FN. OR ("4388425").URFN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/20 11:00 |
| S101 | 37507 | (caprolactam OR polycaprolactam OR polyamide OR nylon) AND (sodium SAME phosphate) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/20 11:03 |
| S102 | 12885 | (caprolactam OR polycaprolactam OR polyamide OR nylon) AND (sodium SAME phosphate) AND (dispersion) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/20 11:03 |
| S103 | 2812 | (caprolactam OR polycaprolactam OR polyamide OR nylon) AND (sodium SAME phosphate) AND (dispersion) AND (titanium SAME dioxide) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/20 11:03 |
| S104 | 1625 | (caprolactam OR polycaprolactam OR polyamide OR nylon) AND (sodium SAME phosphate) AND (aqueous SAME dispersion) AND (titanium SAME dioxide) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/20 11:04 |
| S105 | 375 | (caprolactam OR polycaprolactam OR polyamide OR nylon) AND (sodium ADJ phosphate) AND (aqueous SAME dispersion) AND (titanium SAME dioxide) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/20 11:04 |
| S106 | 228 | (emulsion ADJ polymerization) AND (nylon OR caprolactam or polycaprolactam) AND (pigment OR (titanium ADJ (dioxide Or oxide))) AND (sodium ADJ phosphate) | US-PGPUB; USPAT | OR | OFF | 2008/05/20 11:13 |
| S107 | 4 | (emulsion ADJ polymerization) AND (nylon OR caprolactam or polycaprolactam) AND (pigment OR (titanium ADJ (dioxide Or oxide))) AND (sodium ADJ phosphate) | USOCR | OR | OFF | 2008/05/20 11:14 |
| S108 | 33 | (emulsion ADJ polymerization) AND (nylon OR caprolactam or polycaprolactam) AND (pigment OR (titanium ADJ (dioxide Or oxide))) AND (sodium SAME phosphate) | USOCR | OR | OFF | 2008/05/20 11:14 |
| S109 | 1 | ("4474681").FN. | US-PGPUB; USPAT | OR | OFF | 2008/05/20 12:21 |
| S110 | 17 | ("1790272" "1797760" "2012232" "2846331" "2846332" "4036652").FN. OR ("4474681").URFN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/20 12:21 |
| S111 | 5 | ("2846332").URFN. | USPAT | OR | OFF | 2008/05/20 12:32 |
| S112 | 6 | ("1797760" "2012232" "2846331" "2846332").URFN. | USPAT | OR | OFF | 2008/05/20 12:34 |
| S113 | 4 | ((("4474681") or ("4388425") or ("5540499") or ("4879120")).FN. | US-PGPUB; USPAT | OR | OFF | 2008/05/23 11:12 |
| S114 | 1 | ("20060047057").FN. | US-PGPUB; USPAT | OR | OFF | 2008/05/23 11:14 |

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|------|------|-------------------|--------------------|----|-----|---------------------|
| S115 | 386 | (524/497).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/05/23 11:19 |
| S116 | 1925 | (524/430).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/05/23 11:20 |
| S117 | 356 | (524/879).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/05/23 11:20 |
| S118 | 1057 | (524/606).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/05/23 11:20 |
| S119 | 378 | (524/847).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/05/23 11:20 |
| S120 | 0 | (366/168).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/05/23 11:21 |
| S121 | 0 | (366/171).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/05/23 11:21 |
| S122 | 0 | (366/172).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/05/23 11:21 |
| S123 | 0 | (366/176).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/05/23 11:21 |
| S124 | 0 | (366/178).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/05/23 11:21 |
| S125 | 67 | (366/181.4).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/05/23 11:22 |
| S126 | 195 | (366/264).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/05/23 11:22 |
| S127 | 138 | (366/304).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/05/23 11:22 |
| S128 | 151 | (366/306).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/05/23 11:22 |
| S129 | 494 | (366/307).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/05/23 11:22 |

5/23/2008 11:24:35 AM

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